



14648 NE 95<sup>th</sup> Street, Redmond, WA 98052 • (425) 883-3881

June 16, 2003

Tim Brown  
Farallon Consulting, LLC  
320 3<sup>rd</sup> Avenue NE, Suite 200  
Issaquah, WA 98027

Re: Analytical Data for Project 833-002  
Laboratory Reference No. 0306-114

Dear Tim:

Enclosed are the analytical results and associated quality control data for samples submitted on June 13, 2003.

The standard policy of OnSite Environmental Inc. is to store your samples for 30 days from the date of receipt. If you require longer storage, please contact the laboratory.

We appreciate the opportunity to be of service to you on this project. If you have any questions concerning the data, or need additional information, please feel free to call me.

Sincerely,

A handwritten signature in dark ink, appearing to read "DB", followed by a horizontal line.

David Baumeister  
Project Manager

Enclosures

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OnSite Environmental, Inc. 14648 NE 95<sup>th</sup> Street, Redmond, WA 98052 (425) 883-3881

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

RCLLC 0004319

Date of Report: June 16, 2003  
Samples Submitted: June 13, 2003  
Lab Reference: 06-114  
Project: 833-002

### Case Narrative

Samples were collected on June 13, 2003. Samples were maintained at the laboratory at 4°C and followed SW846 analysis and extraction methods.

### NWTPH HCID Analysis

Any QA/QC issues associated with this extraction and analysis will be indicated with a footnote reference and discussed in detail on the Data Qualifier page.

Date of Report: June 16, 2003  
Samples Submitted: June 13, 2003  
Lab Reference: 06-114  
Project: 833-002

**NWTPH-HCID**

Date Extracted: 6-13-03  
Date Analyzed: 6-13-03

Matrix: Soil  
Units: mg/kg (ppm)

Client ID:	TP-1-11	TP-1-12
Lab ID:	06-114-01	06-114-02

Gasoline:	ND	ND
PQL:	26	23

Diesel Fuel:	ND	ND
PQL:	66	57

Lube Oil:	ND	ND
PQL:	130	110

Surrogate Recovery:		
o-Terphenyl	100%	105%

Flags:

Date of Report: June 16, 2003  
Samples Submitted: June 13, 2003  
Lab Reference: 06-114  
Project: 833-002

**NWTPH-HCID  
METHOD BLANK QUALITY CONTROL**

Date Extracted: 6-13-03  
Date Analyzed: 6-13-03

Matrix: Soil  
Units: mg/kg (ppm)

Lab ID: MB0613S1

Gasoline: ND  
PQL: 20

Diesel Fuel: ND  
PQL: 50

Lube Oil: ND  
PQL: 100

Surrogate Recovery:  
o-Terphenyl 106%

Flags

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**RCLLC 0004322**

Date of Report: June 16, 2003  
Samples Submitted: June 13, 2003  
Lab Reference: 06-114  
Project: 833-002

# **% MOISTURE**

Date Analyzed: 6-13-03

Client ID	Lab ID	% Moisture
TP-1-11	06-114-01	24
TP-1-12	06-114-02	12

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This report pertains to the samples analyzed in accordance with the chain of custody,  
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**RCLLC 0004323**



#### Data Qualifiers and Abbreviations

- A - Due to a high sample concentration, the amount spiked is insufficient for meaningful MS/MSD recovery data.
- B - The analyte indicated was also found in the blank sample.
- C - The duplicate RPD is outside control limits due to high result variability when analyte concentrations are within five times the quantitation limit.
- D - Data from 1:\_\_\_\_ dilution.
- E - The value reported exceeds the quantitation range, and is an estimate.
- F - Surrogate recovery data is not available due to the high concentration of coeluting target compounds.
- G - Insufficient sample quantity for duplicate analysis.
- H - The analyte indicated is a common laboratory solvent and may have been introduced during sample preparation, and be impacting the sample result.
- I - Compound recovery is outside of the control limits.
- J - The value reported was below the practical quantitation limit. The value is an estimate.
- K - Sample duplicate RPD is outside control limits due to sample inhomogeneity. The sample was re-extracted and re-analyzed with similar results.
- L - The RPD is outside of the control limits.
- M - Hydrocarbons in the gasoline range (toluene-naphthalene) are present in the sample.
- O - Hydrocarbons outside the defined gasoline range are present in the sample.
- P - The RPD of the detected concentrations between the two columns is greater than 40.
- Q - Surrogate recovery is outside of the control limits.
- S - Surrogate recovery data is not available due to the necessary dilution of the sample.
- T - The sample chromatogram is not similar to a typical \_\_\_\_\_.
- U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.
- V - Matrix Spike/Matrix Spike Duplicate recoveries are outside control limits due to matrix effects.
- W - Matrix Spike/Matrix Spike Duplicate RPD is outside control limits due to sample inhomogeneity.
- X - Sample extract treated with a silica gel cleanup procedure.
- Y - Sample extract treated with a silica gel/acid cleanup procedure.
- Z -
- ND - Not Detected at PQL
- MRL - Method Reporting Limit
- PQL - Practical Quantitation Limit
- RPD - Relative Percent Difference

## Chain of Custody

<b>Environmental Inc.</b> 14648 NE 95th Street • Redmond, WA 98052 Phone: (425) 883-3881 • Fax: (425) 885-4603						<b>Laboratory Number:</b> <span style="font-size: 1.5em;"><b>06-114</b></span>																	
Company: <span style="font-size: 1.2em;"><b>FARALLON CONSULTING</b></span>  Project Number: <span style="font-size: 1.2em;"><b>B33-DDZ</b></span>  Project Name: <span style="font-size: 1.2em;"><b>FORMER RANIER BREWERY</b></span>  Project Manager: <span style="font-size: 1.2em;"><b>TIM BROWN</b></span>  Sampled by: <span style="font-size: 1.2em;"><b>GREG LISH</b></span>						<div style="text-align: center;">Turnaround Request (in working days)</div> <div style="text-align: center;">(Check One)</div> <div style="display: flex; justify-content: space-around;"> <input type="checkbox"/> Same Day           <input checked="" type="checkbox"/> 1 Day         </div> <div style="display: flex; justify-content: space-around;"> <input type="checkbox"/> 2 Day           <input type="checkbox"/> 3 Day         </div> <div style="display: flex; justify-content: space-around;"> <input type="checkbox"/> Standard (7 working days)           <div style="text-align: center;">             6/10 (other)           </div> </div>																	
Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	# of Cont.	NMTPH-HCID	NMTPH-Gx/BTEX	NMTPH-Dx	Volatiles by 8260B	Halogenated Volatiles by 8260B	Semivolatiles by 8270C	PAHs by 8270C / SIM	PCBs by 8082	Pesticides by 8081A	Herbicides by 8151A	Total PCRA Metals (8)	TCLP Metals	HEM by 1664	VPH	EPH		% Moisture	
1	TP-1-11	6/13/03	10:50	Soil	1	X																X	
2	TP-1-12	6/13/03	11:05	Soil	1	X																X	
Relinquished by Received by Relinquished by Received by Relinquished by Received by						Company FARALLON Farallon OSE						Date Time 6/13/03 12:30 6/13/03 12:30 6-13-03 1:30						Comments/Special Instructions:					
Reviewed by/Date						Reviewed by/Date						Chromatograms with final report <input type="checkbox"/>											

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**RCLLC 0004325**